CSE203B Convex Optimization: Project Outline and Final Report

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Outlines:

I. Head lines: 1. title, 2. team members, 3. tasks assignment

II. Introduction: 1. motivation, 2. previous works, 3. intended contributions (wish list), 4. organization of the paper

III. Statement of the Problem

    I. Primal

    II. Dual

    III. KKT conditions

IV. Intended Approaches

V. Conjectured Results, Conclusion & Possible Future works

VI. References

No more than one page. Use one sentence on each (sub)item (references may take more lines). Red font: grade by content, Black font: grade by completion

Outlines: Grading policy with emphasis in red font (5 points in total)

I. Head lines: 1. title (key words), 2. team members, 3. tasks assignment (fair job partition) 1 point.

II. Introduction: 1. motivation (clear explanation), 2. previous works, 3. intended contributions (wish list), 4. organization of the paper 1 point.

III. Statement of the Problem (relevance to the class) 1 point

   I. Primal

   II. Dual

   III. KKT conditions

IV. Intended Approaches (relevance to the class) 0.5 point

V. Conjectured Results (clarity of the goal), Conclusion & Possible Future works 0.5 point

VI. References (coverage and quality of the references e.g. key players, publishers, span of the years from very early stage to the most recent.) 1 point.

Final Report: Grading policy with emphasis in red font (20 points in total)

I. Head lines: 1. title (reflection of the content), 2. team members, 3. tasks assignment (task fulfillment by team members) 2 points.

II. Introduction: 1. motivation, 2. previous works, 3. intended contributions, 4. organization of the paper (contributions vs. previous works) 4 points.

III. Statement of the Problem 4 points
   I. Primal formulation, (2 points)
   II. Dual formulation, (1 point)
   III. KKT conditions, (1 point)

IV. Approaches (quality of choice, novelty, computational complexity) 4 points

V. Results (quality of the results), Conclusion & Possible Future work 4 points

VI. References (key papers) 2 points.